#19

RAW SEQUENCE LISTING DATE: 11/05/2002
PATENT APPLICATION: US/09/518,813B TIME: 16:00:15

Input Set : A:\112408-122.ST25.txt
Output Set: N:\CRF4\11052002\I518813B.raw

4 <110> APPLICANT: CARR, Francis Joseph
5 CARTER, Graham
6 HAMILTON, Anita Anne
7 ADAIR, Fiona Suzanne
8 WILLIAMS, Stephen

10 <120> TITLE OF INVENTION: METHODS FOR PROTEIN SCREENING

12 <130> FILE REFERENCE: 112408-122

14 <140> CURRENT APPLICATION NUMBER: US 09/518,813B
15 <141> CURRENT FILING DATE: 2000-03-03

17 <150> PRIOR APPLICATION NUMBER: PCT/GB98/02649
18 <151> PRIOR FILING DATE: 1998-09-03

20 <150> PRIOR APPLICATION NUMBER: US 60/070,063
21 <151> PRIOR FILING DATE: 1997-12-30

23 <150> PRIOR APPLICATION NUMBER: US 60/070,062
24 <151> PRIOR FILING DATE: 1997-12-30

26 <150> PRIOR APPLICATION NUMBER: US 60/070,037
27 <151> PRIOR FILING DATE: 1997-12-30

29 <150> PRIOR APPLICATION NUMBER: US 60/070,050
30 <151> PRIOR FILING DATE: 1997-12-30

32 <150> PRIOR APPLICATION NUMBER: GB 9718552.4
33 <151> PRIOR FILING DATE: 1997-09-03

35 <150> PRIOR APPLICATION NUMBER: GB 9719834.5
36 <151> PRIOR FILING DATE: 1997-09-18

38 <150> PRIOR APPLICATION NUMBER: GB 9720184.2
39 <151> PRIOR FILING DATE: 1997-09-14

41 <150> PRIOR APPLICATION NUMBER: GB 9720522.3
42 <151> PRIOR FILING DATE: 1997-09-29

44 <150> PRIOR APPLICATION NUMBER: GB 9720523.1
45 <151> PRIOR FILING DATE: 1997-09-29

46 <150> PRIOR APPLICATION NUMBER: GB 9801255.2
47 <151> PRIOR FILING DATE: 1998-01-22

49 <150> PRIOR APPLICATION NUMBER: GB 9803828.4
50 <151> PRIOR FILING DATE: 1998-02-25

52 <150> PRIOR APPLICATION NUMBER: GB 9720524.9
53 <151> PRIOR FILING DATE: 1997-09-29

55 <150> PRIOR APPLICATION NUMBER: GB 9807760.5
56 <151> PRIOR FILING DATE: 1998-04-14

58 <150> PRIOR APPLICATION NUMBER: GB 9811130.5
59 <151> PRIOR FILING DATE: 1998-05-23

61 <150> PRIOR APPLICATION NUMBER: GB 970525.6
62 <151> PRIOR FILING DATE: 1997-09-29

64 <160> NUMBER OF SEQ ID NOS: 64

66 <170> SOFTWARE: PatentIn version 3.0

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Input Set : A:\112408-122.ST25.txt
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<210> SEQ ID NO: 1
<211> LENGTH: 13
<212> TYPE: DNA
<213> ORGANISM: Kozak translation initiation sequence consensus
<400> SEQUENCE: 1
gccgccacca tgg 13
<210> SEQ ID NO: 2
<211> LENGTH: 66
<212> TYPE: DNA
<213> ORGANISM: linker sequence between HindIII and Eco RI sites
<400> SEQUENCE: 2
agcttggccc agccggccat ggcccaggtc caactgcagg agctcgagat caaacgggcg 60
gccgcg 66
<210> SEQ ID NO: 3
<211> LENGTH: 66
<212> TYPE: DNA
<213> ORGANISM: linker sequence between HindIII and Eco RI sites
<400> SEQUENCE: 3
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gggcca 66
<210> SEQ ID NO: 4
<211> LENGTH: 14
<212> TYPE: PRT
<213> ORGANISM: amino acid linker sequence
<400> SEQUENCE: 4
Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
1 5 10
<210> SEQ ID NO: 5
<211> LENGTH: 28
<212> TYPE: DNA
<213> ORGANISM: primer sequence
<400> SEQUENCE: 5
cagctgcagg agtctggggg aggcttag 28
<210> SEQ ID NO: 6
<211> LENGTH: 36
<212> TYPE: DNA
<213> ORGANISM: primer sequence
<400> SEQUENCE: 6
tcagtagacg gtgaccgagg ttccttgacc ccagta 36
<210> SEQ ID NO: 7
<211> LENGTH: 26
<212> TYPE: DNA
<213> ORGANISM: primer sequence
<400> SEQUENCE: 7
gtgacattga gctcacacag tctcct 26
<210> SEQ ID NO: 8
<211> LENGTH: 28
<212> TYPE: DNA
<213> ORGANISM: primer sequence

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148 <400> SEQUENCE: 8
149 cagcccgttt tatctcgagc ttggtccg 28
153 <210> SEQ ID NO: 9
154 <211> LENGTH: 47
155 <212> TYPE: DNA
156 <213> ORGANISM: RD 5' HIS primer sequence
158 <400> SEQUENCE: 9
159 gcggatccca tatgcaccat catcaccatc accaggtgca gctgcag 47
163 <210> SEQ ID NO: 10
164 <211> LENGTH: 30
165 <212> TYPE: DNA
166 <213> ORGANISM: synthetic oligonucleotide
168 <400> SEQUENCE: 10
169 agaatacagg gtccaaatag aatccagggt 30
173 <210> SEQ ID NO: 11
174 <211> LENGTH: 50
175 <212> TYPE: DNA
176 <213> ORGANISM: synthetic oligonucleotide
178 <400> SEQUENCE: 11
179 ctacctataa aaataggcgt atcacgaggc cctttcgtct tcaataattc 50
182 <210> SEQ ID NO: 12
183 <211> LENGTH: 54
184 <212> TYPE: DNA
185 <213> ORGANISM: synthetic oligonucleotide
187 <400> SEQUENCE: 12
188 agcgaattca ccctggattc tatttggacc ctgtattcta cctataaaaa tagg 54
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 61
193 <212> TYPE: DNA
194 <213> ORGANISM: synthetic oligonucleotide
196 <400> SEQUENCE: 13
197 ggtttccctc tagaatacag ggtccaaata gaatccaggg taagaaggag atatacatat 60
199 g 61
202 <210> SEQ ID NO: 14
203 <211> LENGTH: 67
204 <212> TYPE: DNA
205 <213> ORGANISM: synthetic oligonucleotide
207 <400> SEQUENCE: 14
208 atatatatgt cgacgaaatt aatacgactc actataggga gaccacaacg gtttccctct 60
210 agaatac 67
213 <210> SEQ ID NO: 15
214 <211> LENGTH: 50
215 <212> TYPE: DNA
216 <213> ORGANISM: synthetic oligonucleotide
218 <400> SEQUENCE: 15
219 atatatatgt cgacgaaatt aatacgactc actataggga gaccacaacg 50
222 <210> SEQ ID NO: 16
223 <211> LENGTH: 33
224 <212> TYPE: DNA

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Input Set : A:\112408-122.ST25.txt
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225 <213> ORGANISM: forward primer sequence fdig1
W--> 226 <400> SEQUENCE: 16
227 ccgtatagat ctcaggtcaa actgcaggag tct 33
230 <210> SEQ ID NO: 17
231 <211> LENGTH: 66
232 <212> TYPE: DNA
233 <213> ORGANISM: reverse primer sequence rdig1
235 <400> SEQUENCE: 17
236 ccgtatagat ctcaggtcaa actgcaggag tctccgtatg gatccccgtt ttatttccaa 60
238 ctttgt 66
241 <210> SEQ ID NO: 18
242 <211> LENGTH: 30
243 <212> TYPE: DNA
244 <213> ORGANISM: forward primer sequence fox1
246 <400> SEQUENCE: 18
247 ccgtatagag atgtcgtgat gacccaaact 30
250 <210> SEQ ID NO: 19
251 <211> LENGTH: 33
252 <212> TYPE: DNA
253 <213> ORGANISM: reverse primer sequence rox1
255 <400> SEQUENCE: 19
256 ccgtatggat cctgaggaga cggtgactga ggt 33
259 <210> SEQ ID NO: 20
260 <211> LENGTH: 33
261 <212> TYPE: DNA
262 <213> ORGANISM: primer sequence m13f1
264 <400> SEQUENCE: 20
265 ccgtatagat ctggctttaa tgaggatcca ttc 33
268 <210> SEQ ID NO: 21
269 <211> LENGTH: 33
270 <212> TYPE: DNA
271 <213> ORGANISM: primer sequence m13r1
273 <400> SEQUENCE: 21
274 ccgtatctcg agctgtagcg cgttttcatc ggc 33
277 <210> SEQ ID NO: 22
278 <211> LENGTH: 33
279 <212> TYPE: DNA
280 <213> ORGANISM: primer sequence m13f2
282 <400> SEQUENCE: 22
283 ccgtatgtcg acggctttaa tgaggatcca ttc 33
286 <210> SEQ ID NO: 23
287 <211> LENGTH: 33
288 <212> TYPE: DNA
289 <213> ORGANISM: primer sequence m13r2
291 <400> SEQUENCE: 23
292 ccgtattgat cactgtagcg cgttttcatc ggc 33
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 90
297 <212> TYPE: DNA

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Input Set : A:\112408-122.ST25.txt
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298 <213> ORGANISM: primer sequence fdig2
300 <400> SEQUENCE: 24
301 ccgtatagat ctatgggatg gagctgtatc atcctcttct tggtagcaac agctacaggt 60
303 gtccactccc aggtcaaact gcaggagtct 90
306 <210> SEQ ID NO: 25
307 <211> LENGTH: 90
308 <212> TYPE: DNA
309 <213> ORGANISM: primer sequence fox2
311 <400> SEQUENCE: 25
312 ccgtatagat ctatgggatg gagctgtatc atcctcttct tggtagcaac agctacaggt 60
314 gtccactccg atgtcgtgat gacccaaact 90
316 <210> SEQ ID NO: 26
317 <211> LENGTH: 21
318 <212> TYPE: DNA
319 <213> ORGANISM: oligonucleotide TAR1
321 <400> SEQUENCE: 26
322 gatcagccag atttgagcag c 21
325 <210> SEQ ID NO: 27
326 <211> LENGTH: 21
327 <212> TYPE: DNA
328 <213> ORGANISM: oligonucleotide TAR2
330 <400> SEQUENCE: 27
331 gatcgctgct caaatctggc t 21
334 <210> SEQ ID NO: 28
335 <211> LENGTH: 33
336 <212> TYPE: DNA
337 <213> ORGANISM: primer sequence il5f1
339 <400> SEQUENCE: 28
340 ccgtatagat ctgaaattcc cactagtgca ttg 33
343 <210> SEQ ID NO: 29
344 <211> LENGTH: 72
345 <212> TYPE: DNA
346 <213> ORGANISM: primer sequence il5r1
348 <400> SEQUENCE: 29
349 ccgtatggat ccgacgtcct caagcttgga atattatcag tgatggtgat ggtgatgact 60
351 ttctattatc ca 72
354 <210> SEQ ID NO: 30
355 <211> LENGTH: 39
356 <212> TYPE: DNA
357 <213> ORGANISM: primer sequence il5f2
359 <400> SEQUENCE: 30
360 ccgtatagat ctaagcttga aattcccact agtgcattg 39
362 <210> SEQ ID NO: 31
363 <211> LENGTH: 33
364 <212> TYPE: DNA
365 <213> ORGANISM: primer sequence il5r2
367 <400> SEQUENCE: 31
368 ccgtatggat ccactttcta ttatccactc ggt 33
371 <210> SEQ ID NO: 32

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/05/2002
PATENT APPLICATION: US/09/518,813B TIME: 16:00:16

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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:63; N Pos. 51,52